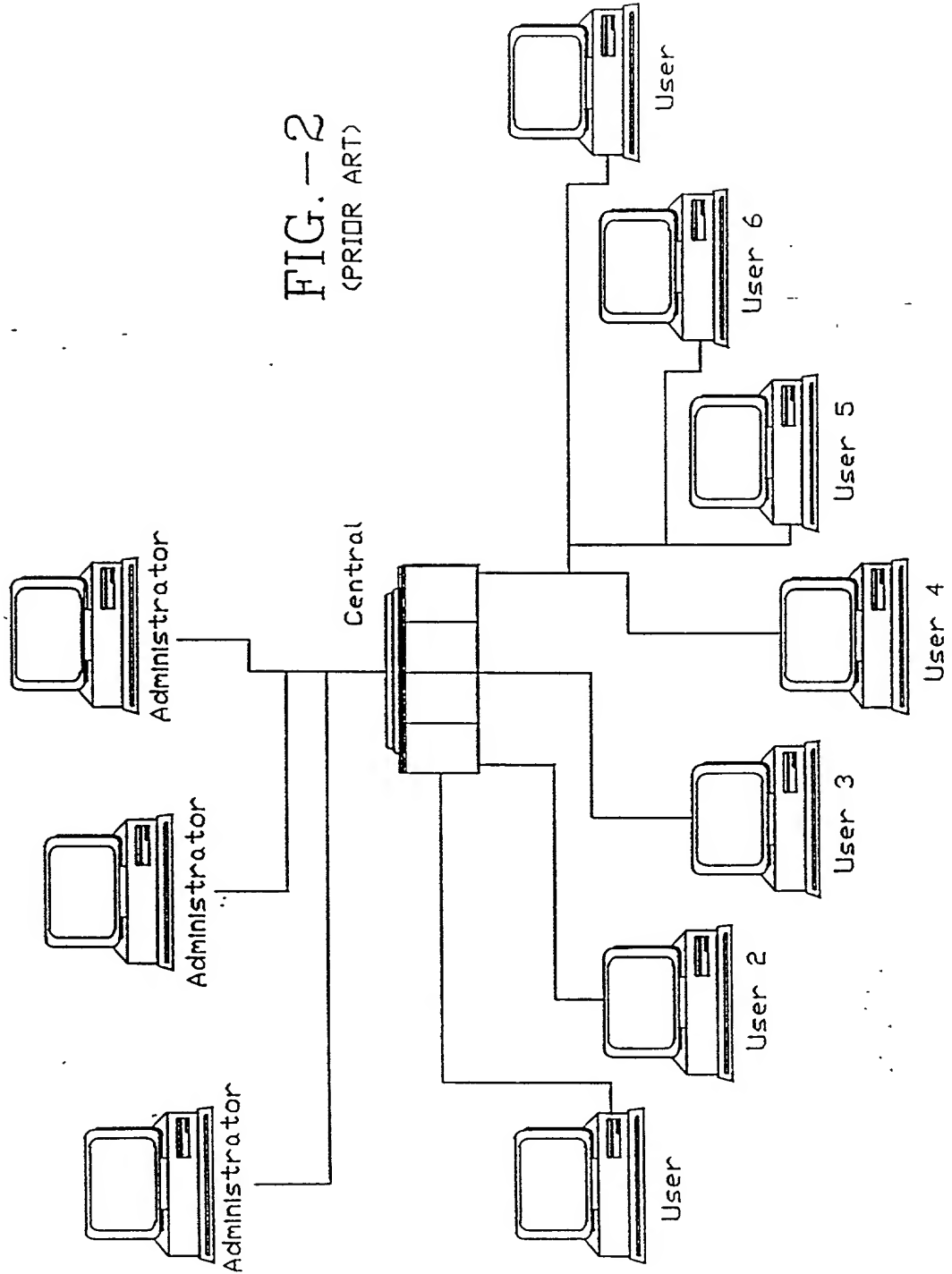


FIG. -1
(PRIOR ART)



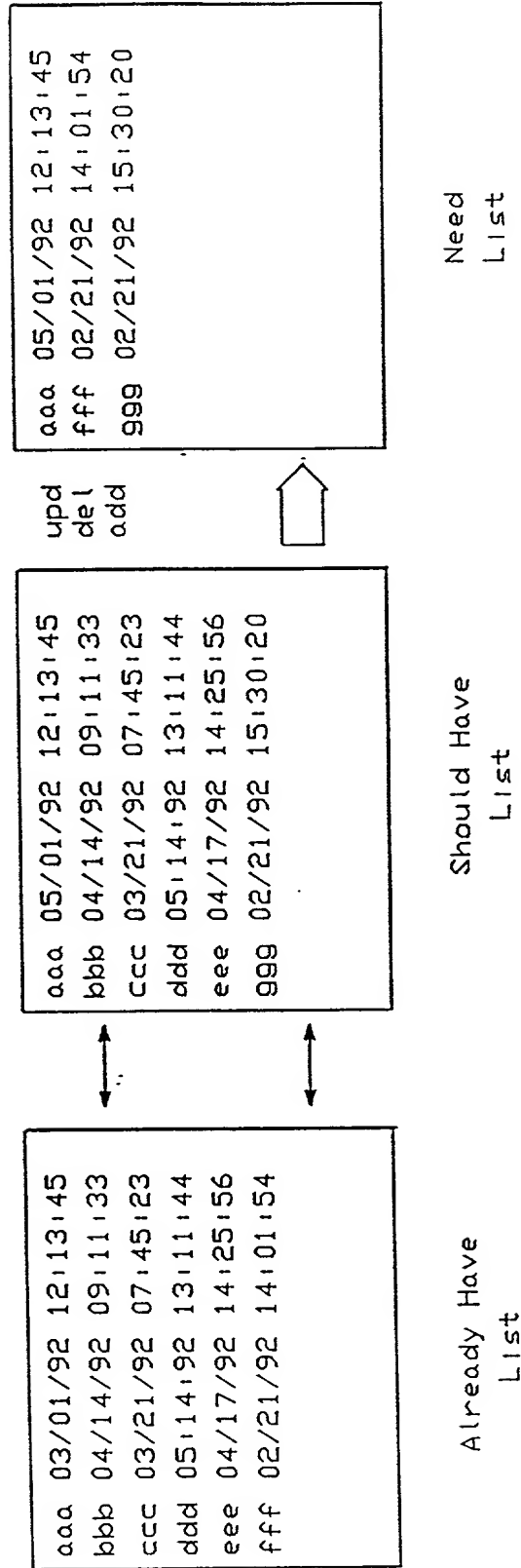


FIG.-3
(PRIOR ART)

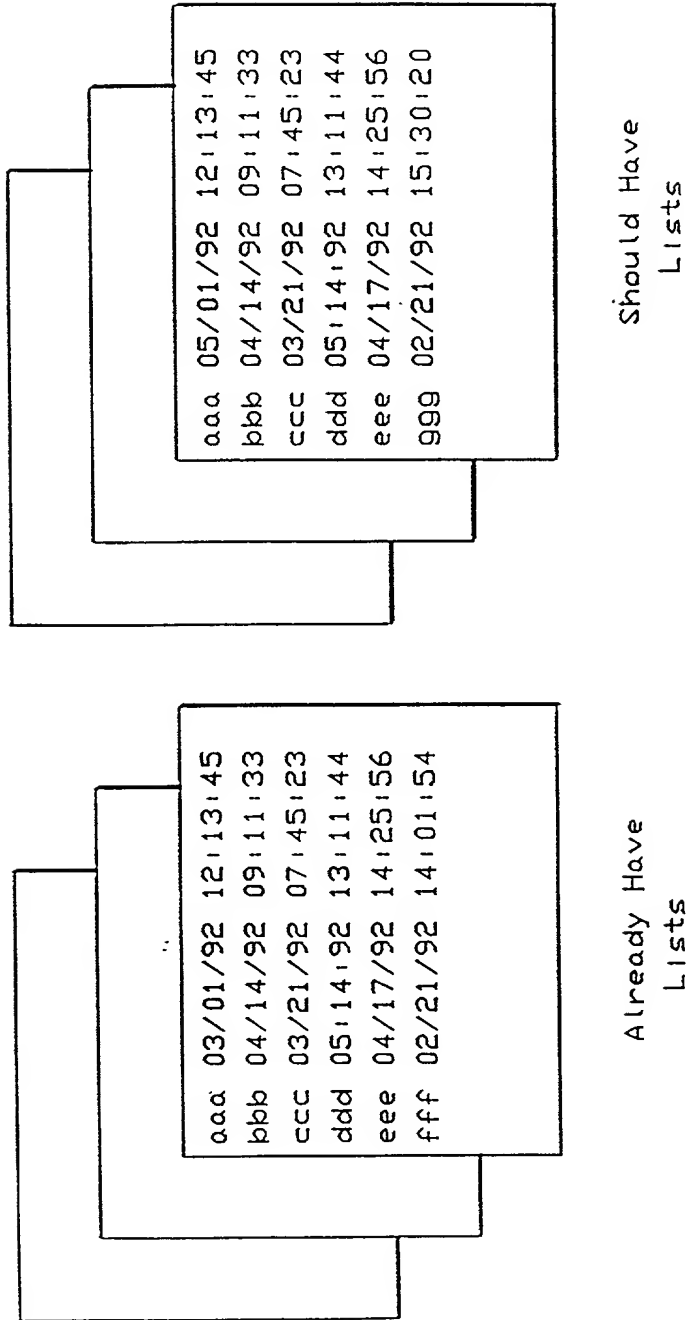


FIG. -4
(PRIOR ART)

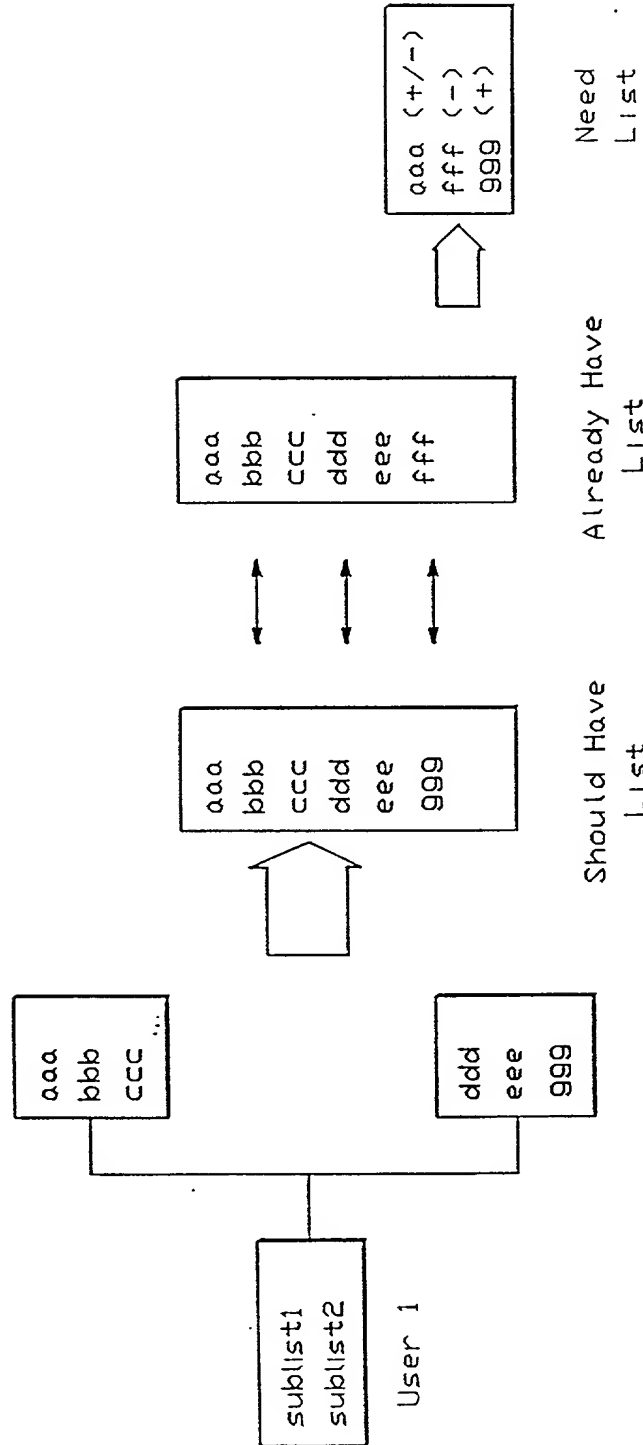


FIG.-5
(PRIOR ART)

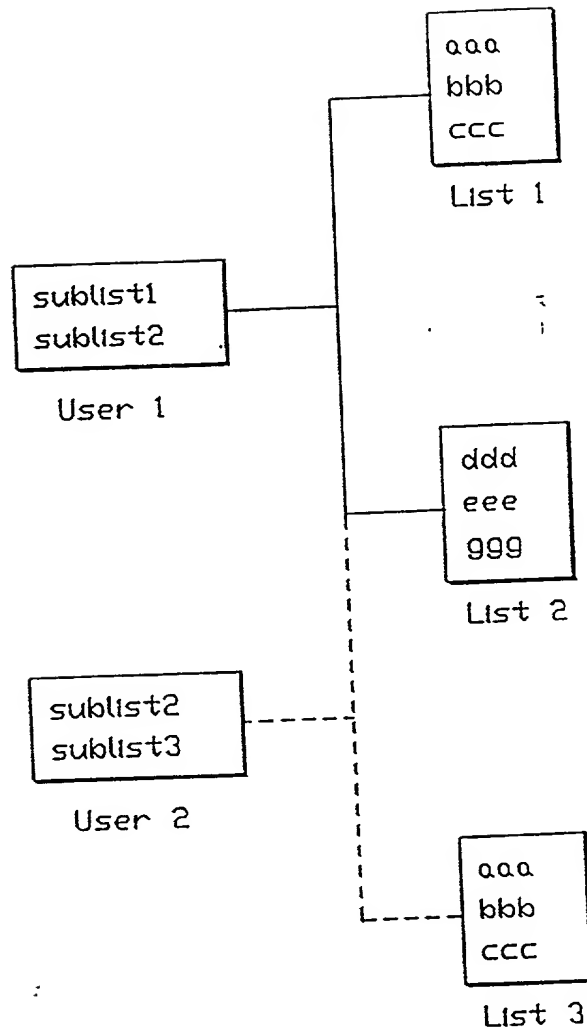


FIG.—6
(PRIOR ART)

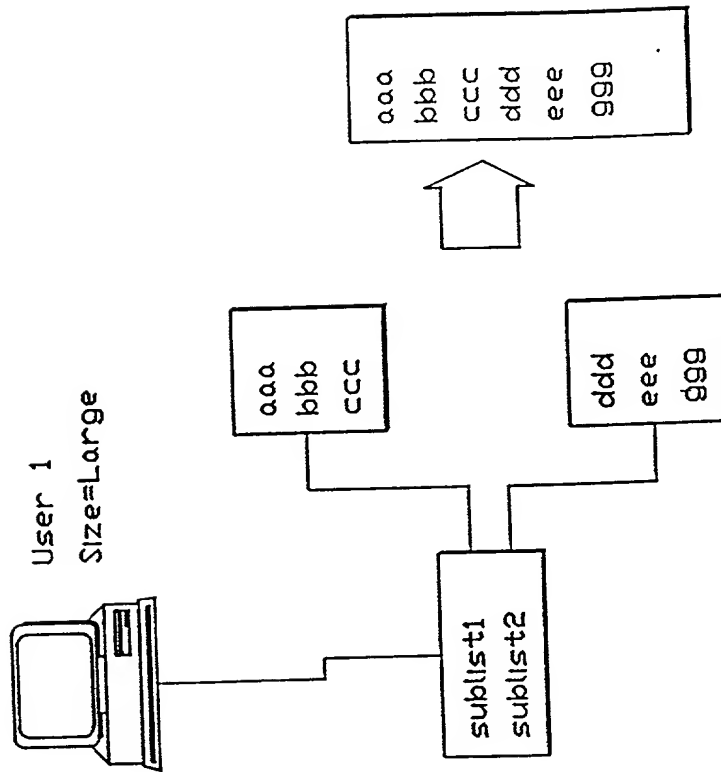


FIG. -7B

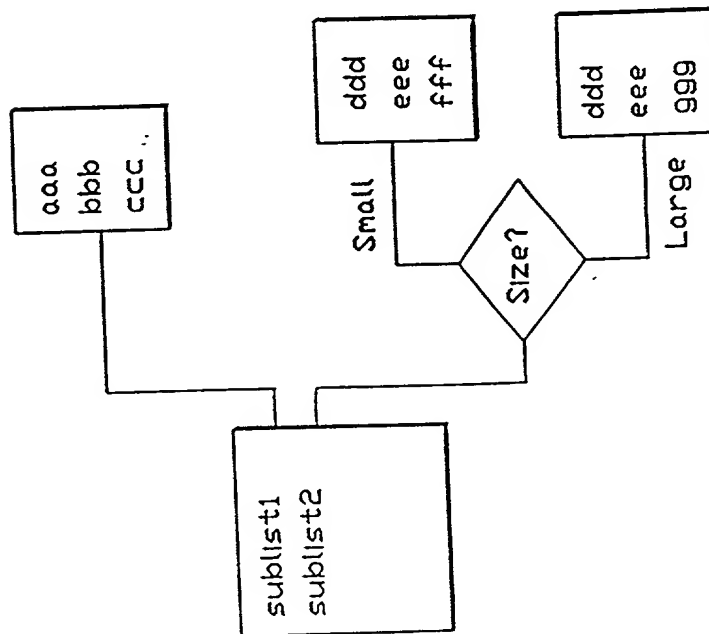


FIG. -7A

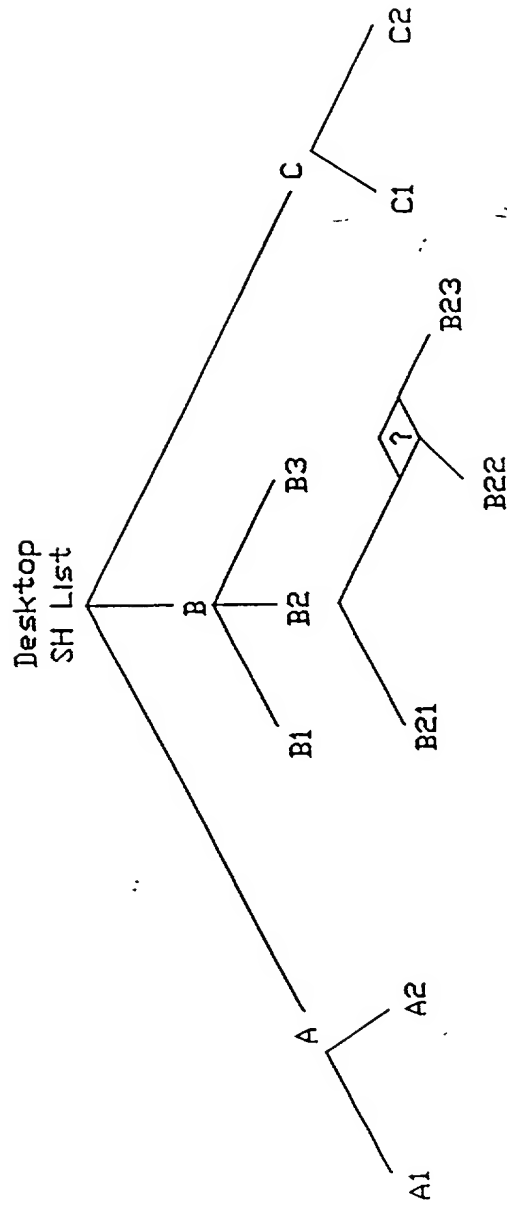


FIG.-8

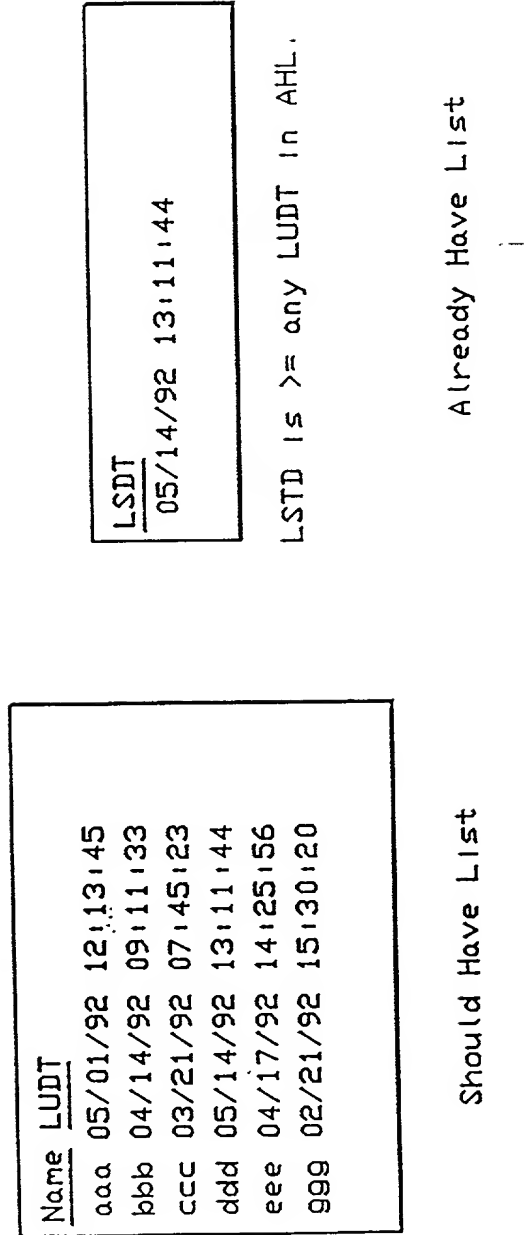


FIG.-9

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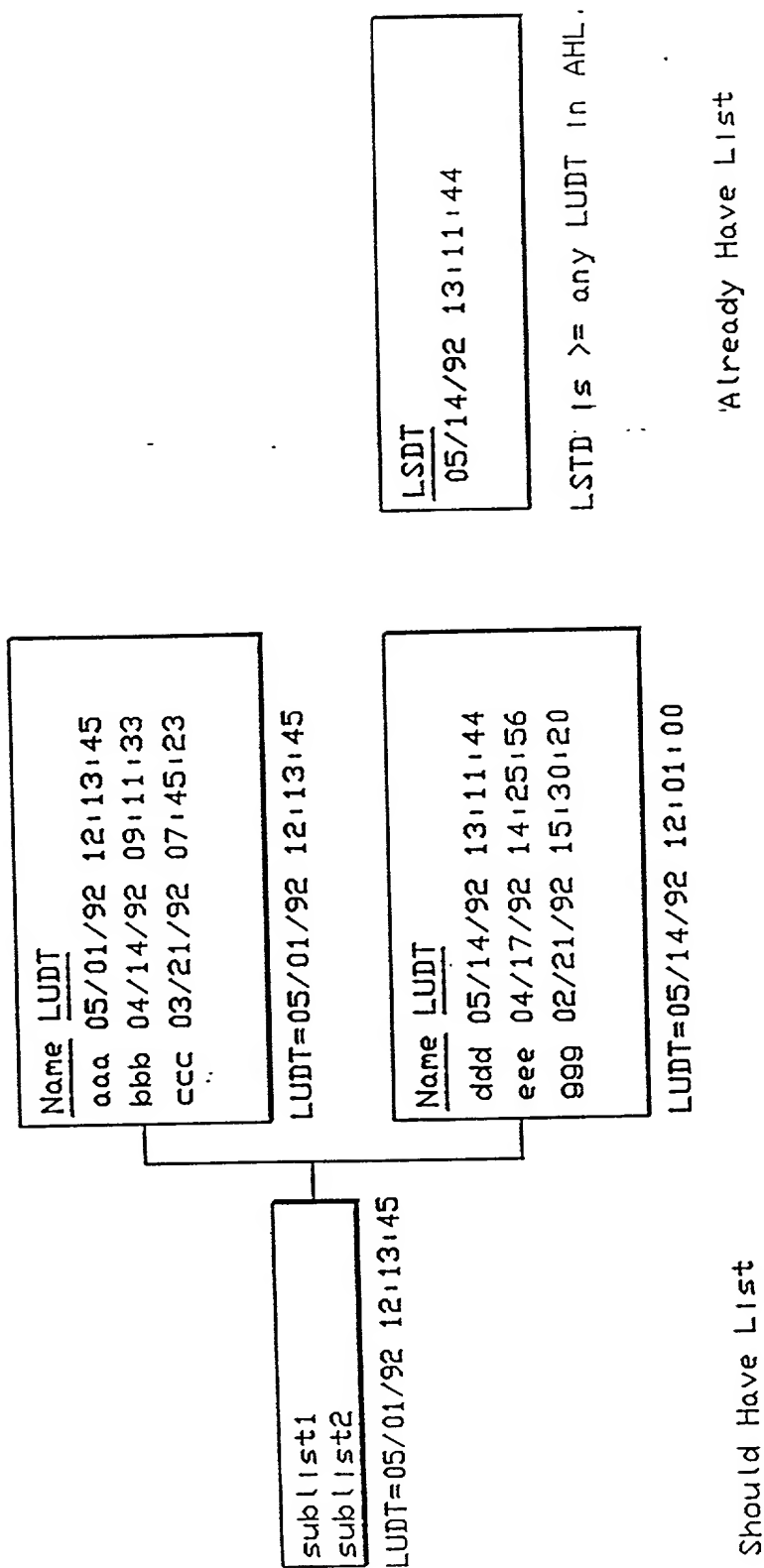


FIG.-10

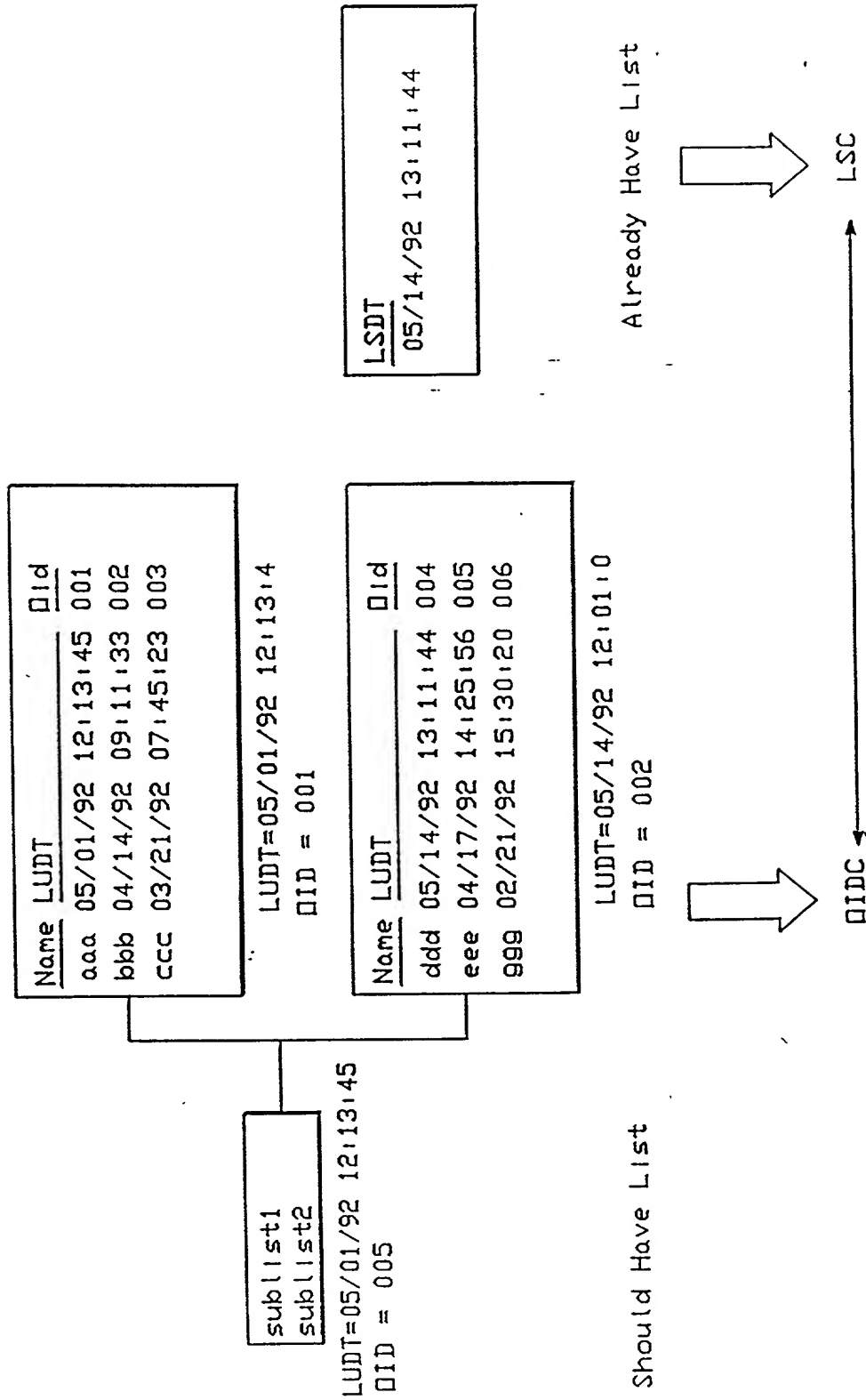
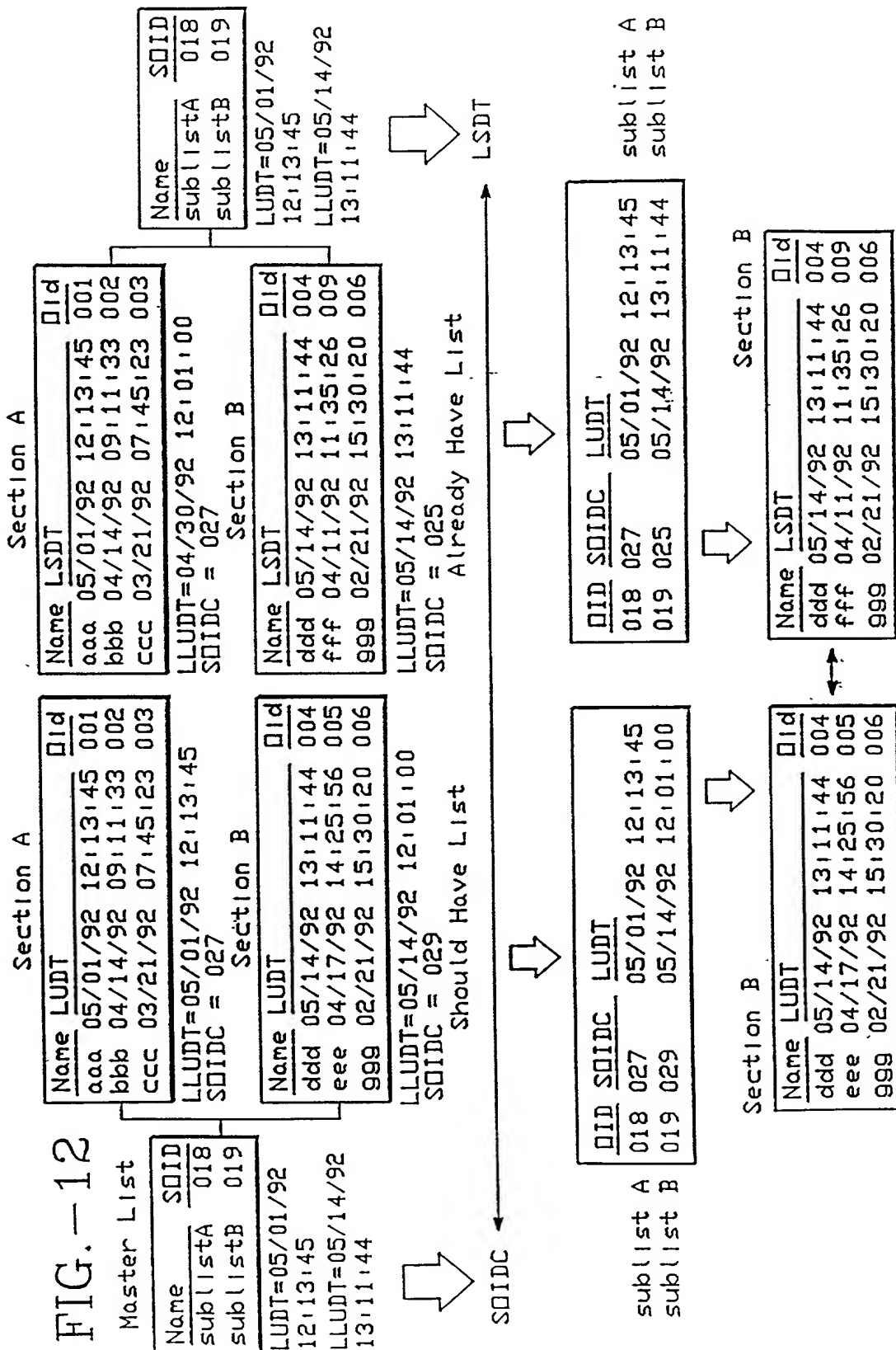


FIG.-11

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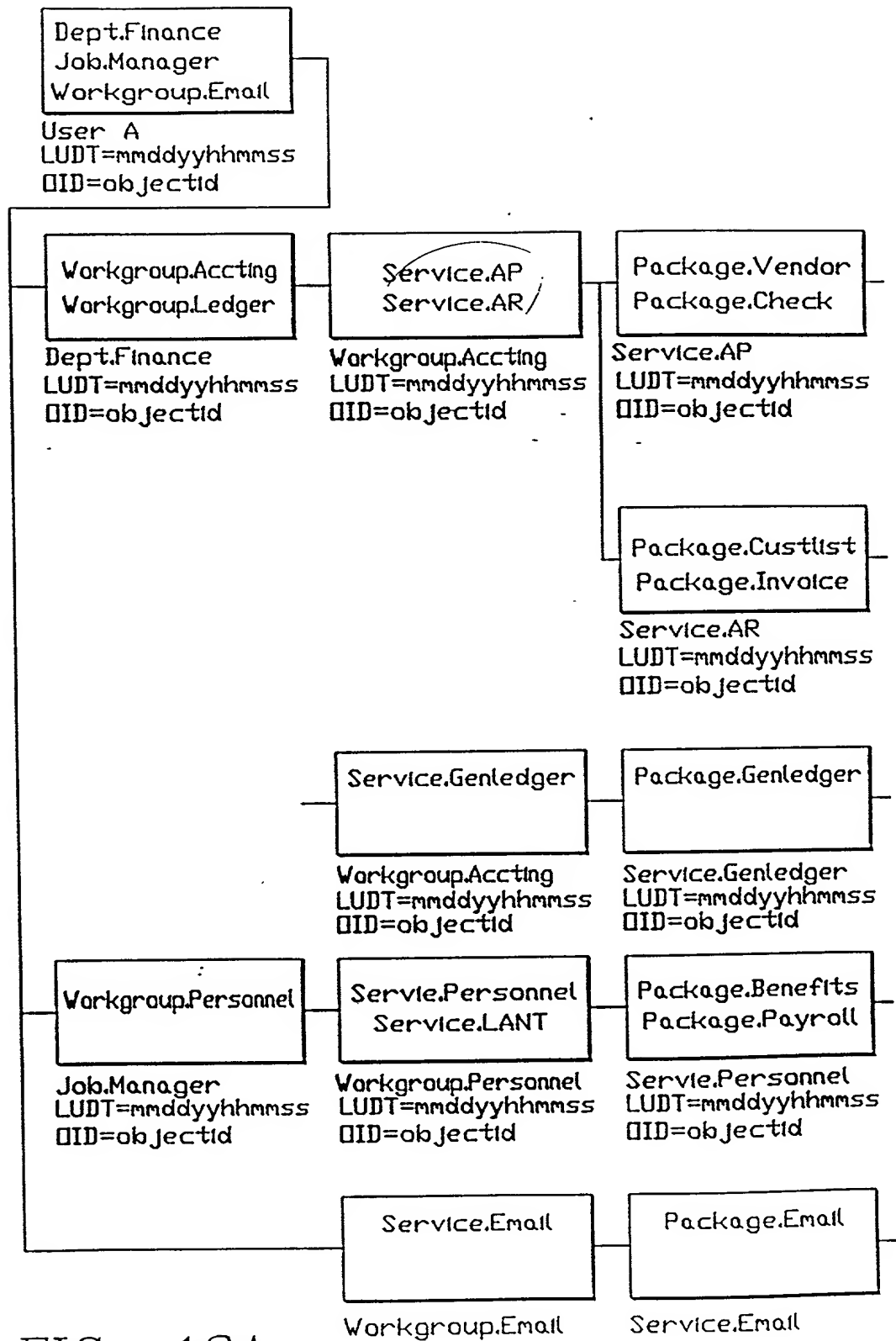


FIG.—13A

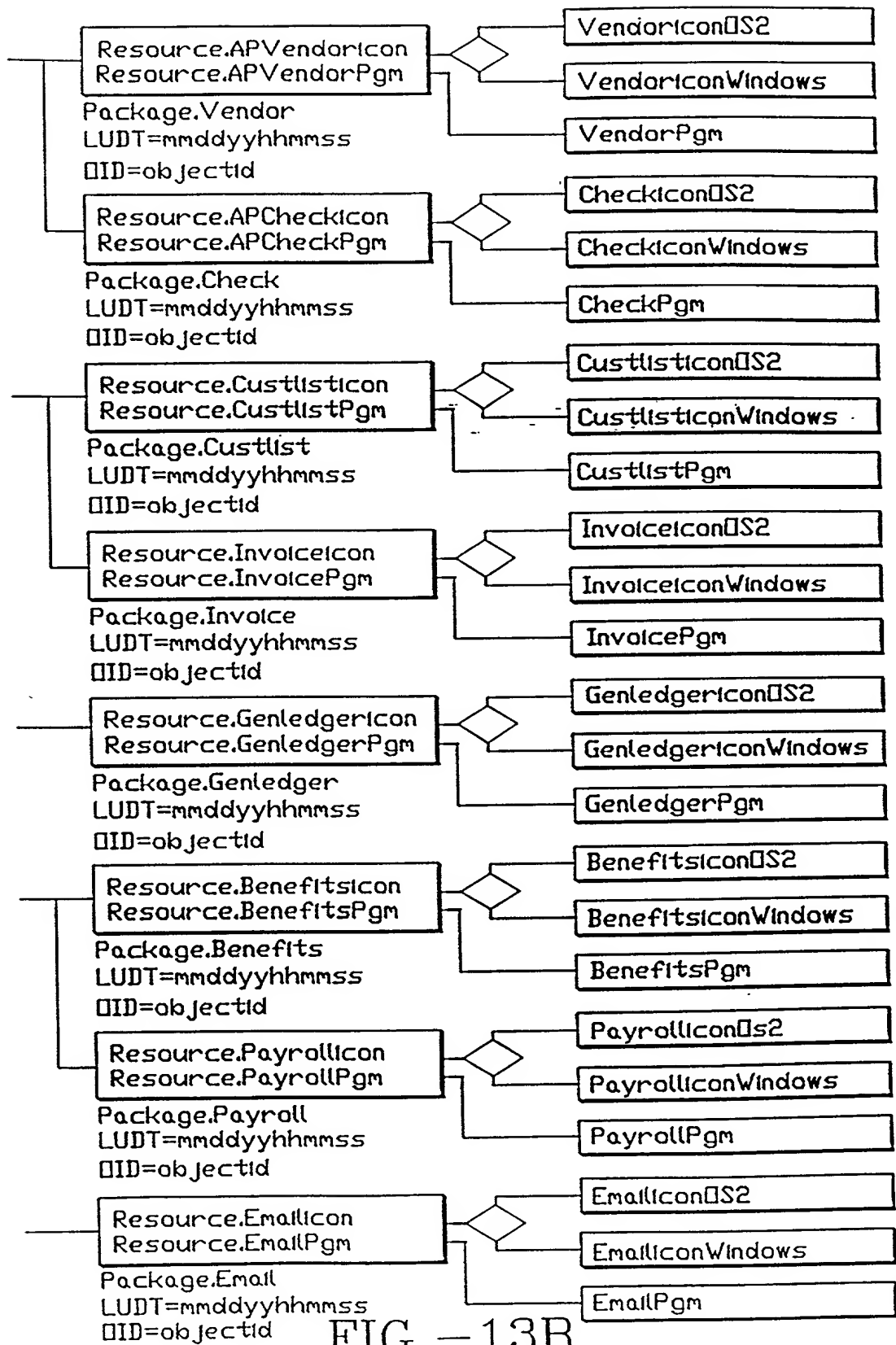
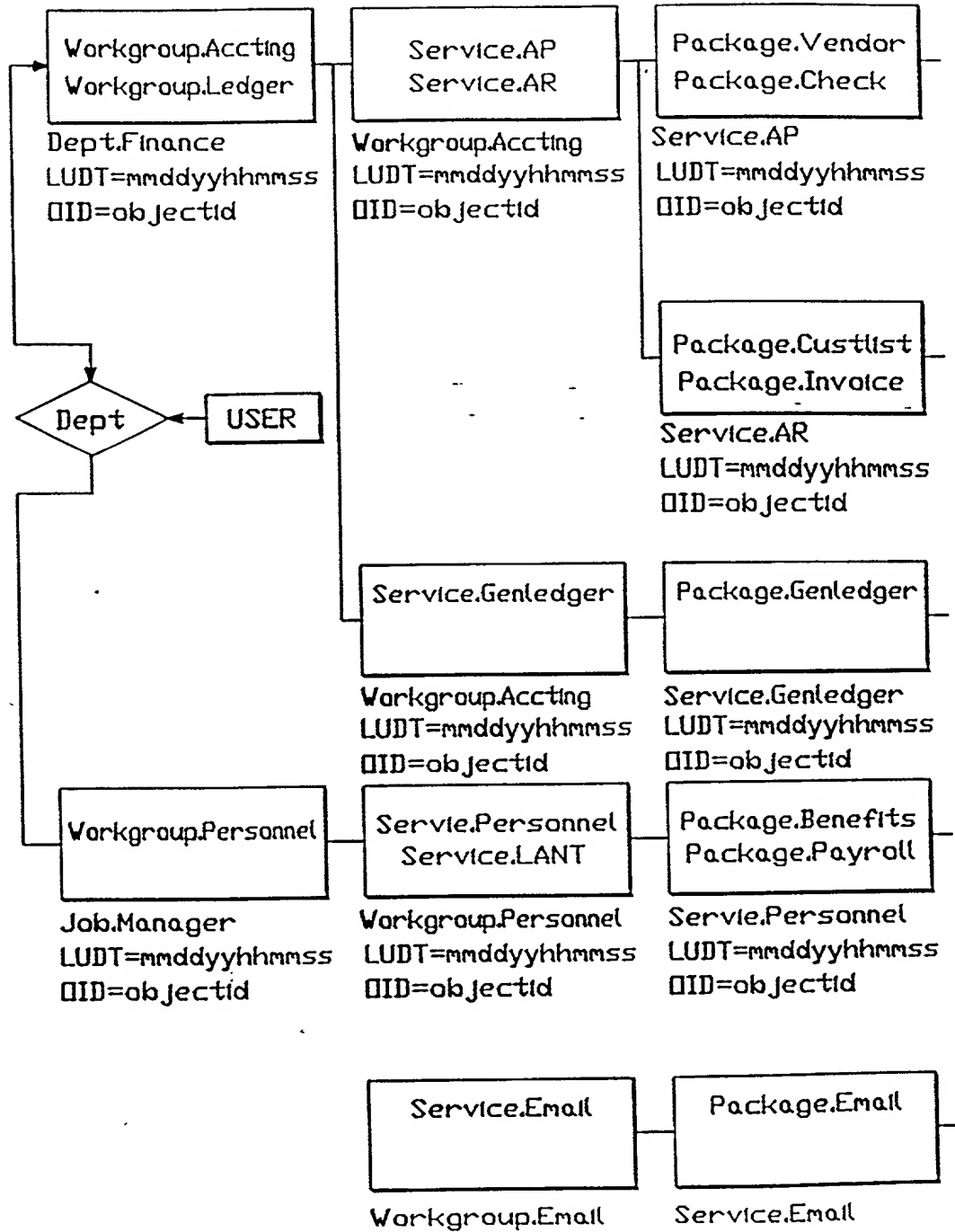


FIG. - 13B



◇ -indicates dynamic linkage reference in schema

FIG.-14A

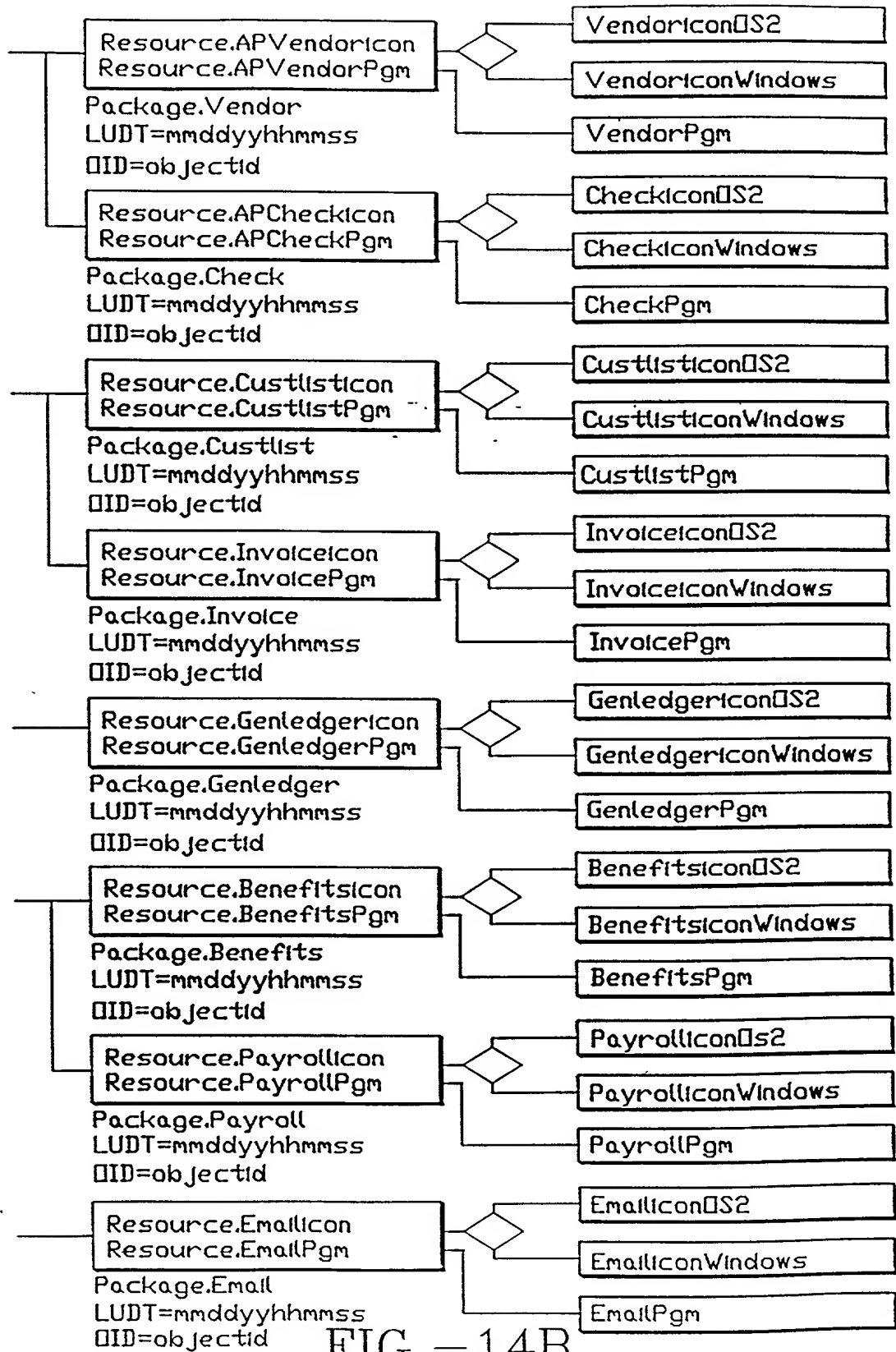


FIG. - 14B

Example of Resolution for Department=Finance and DS = DS/2

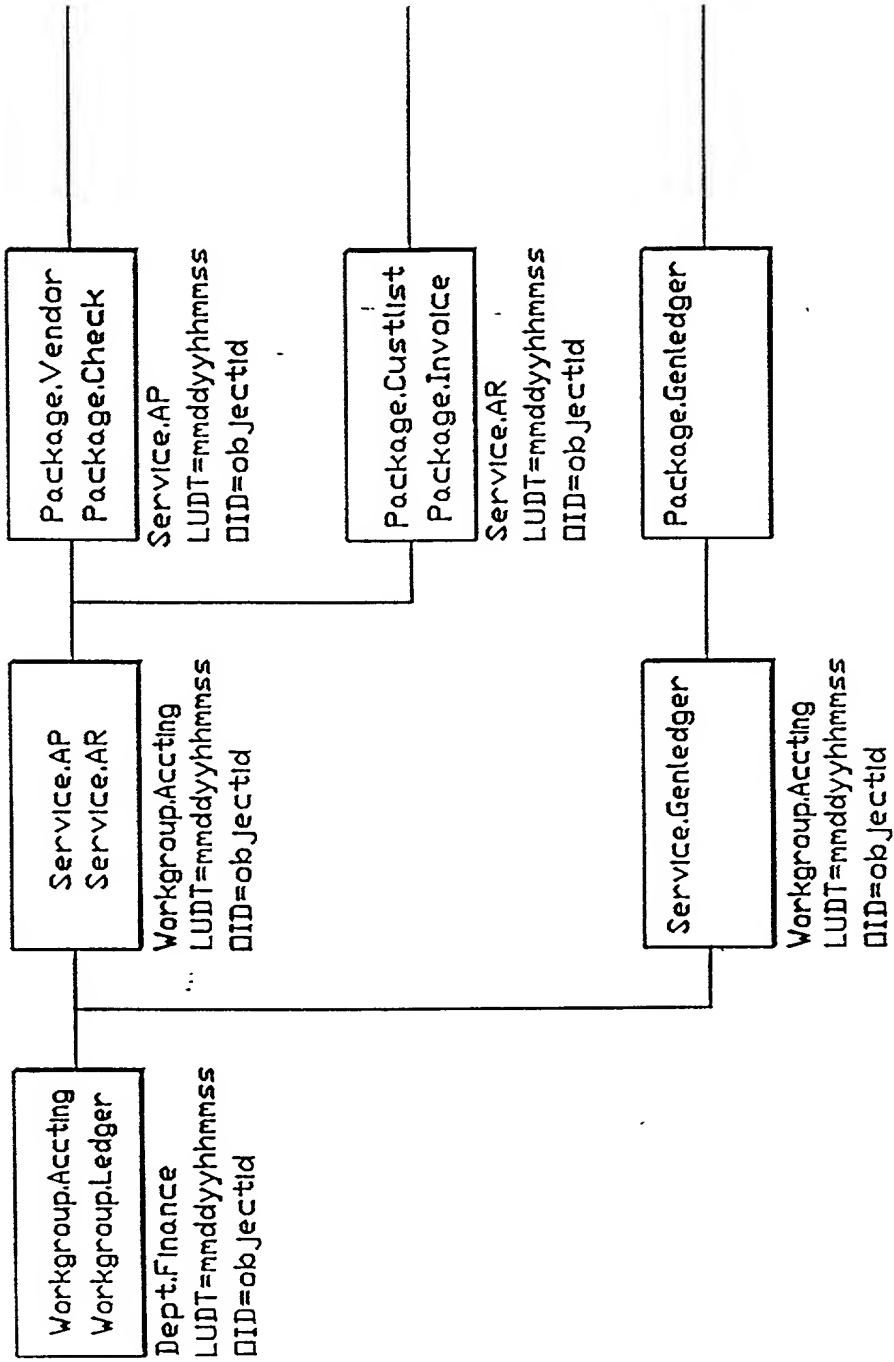


FIG. -15A

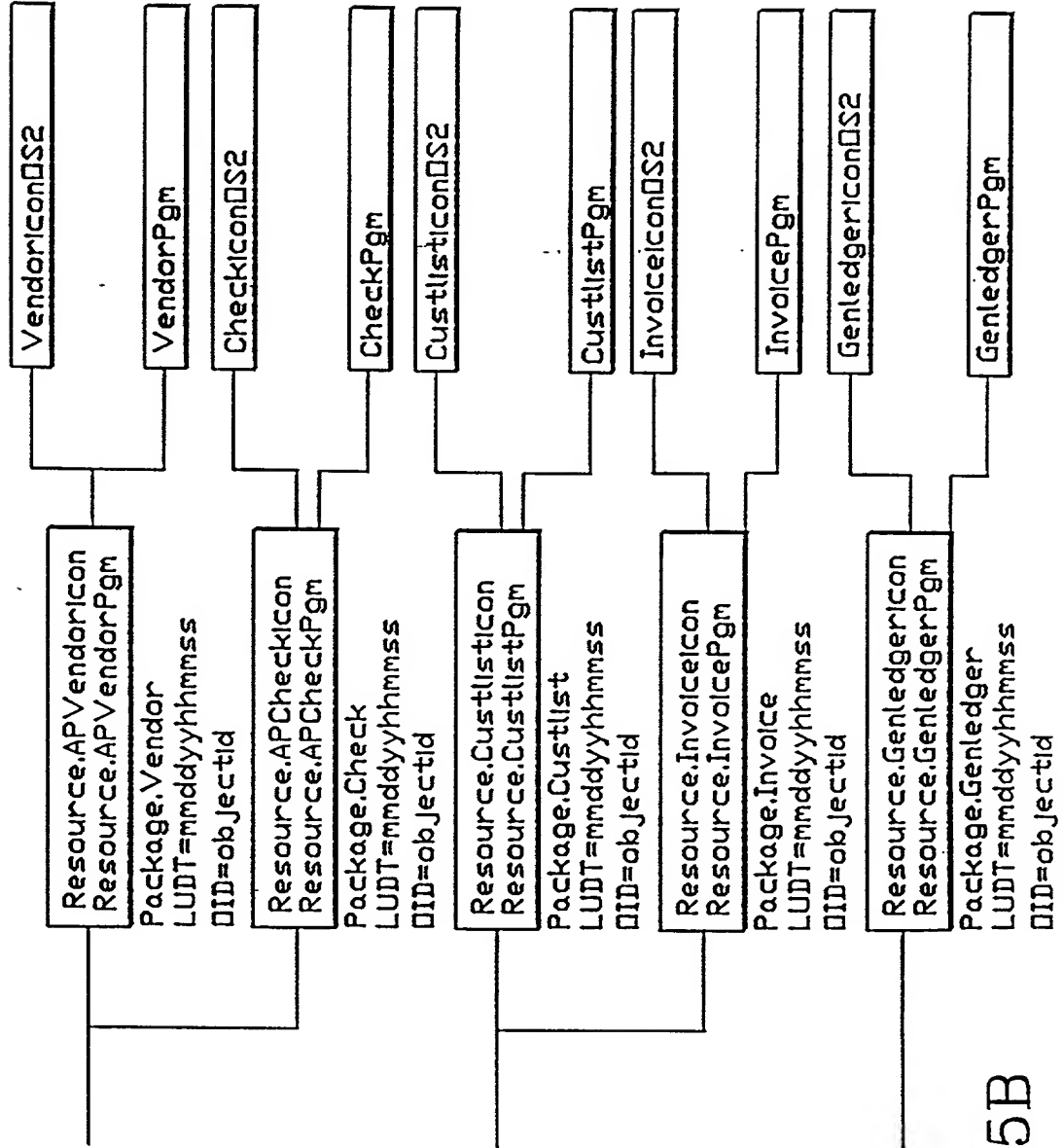


FIG. - 15B

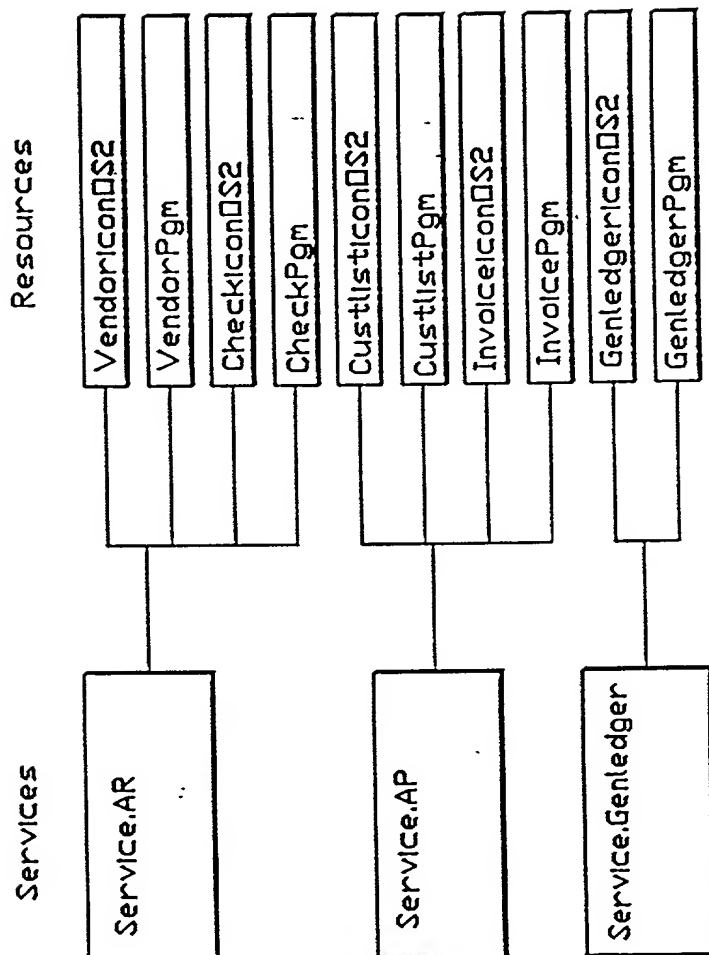


FIG.-16

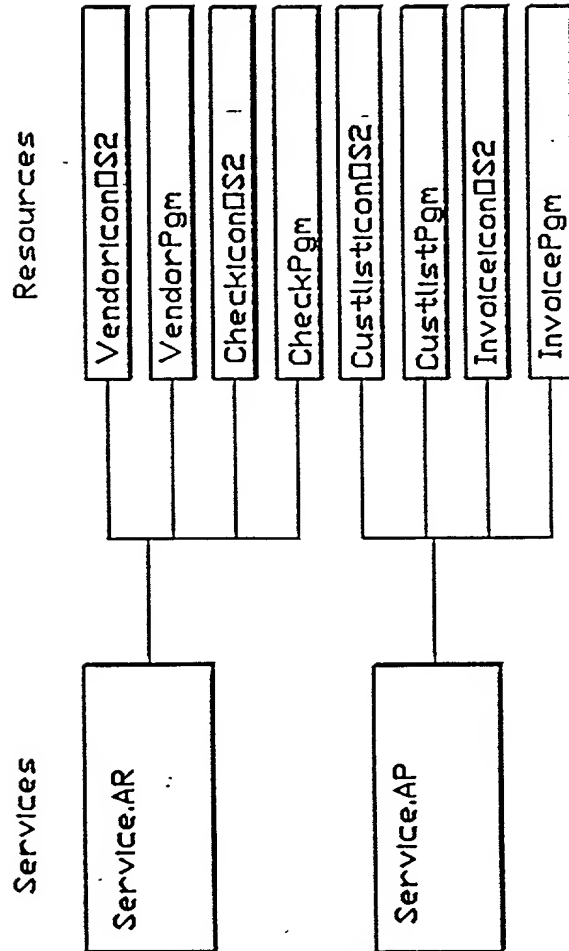


Figure 17 Already Have (Ah) List

FIG.-17

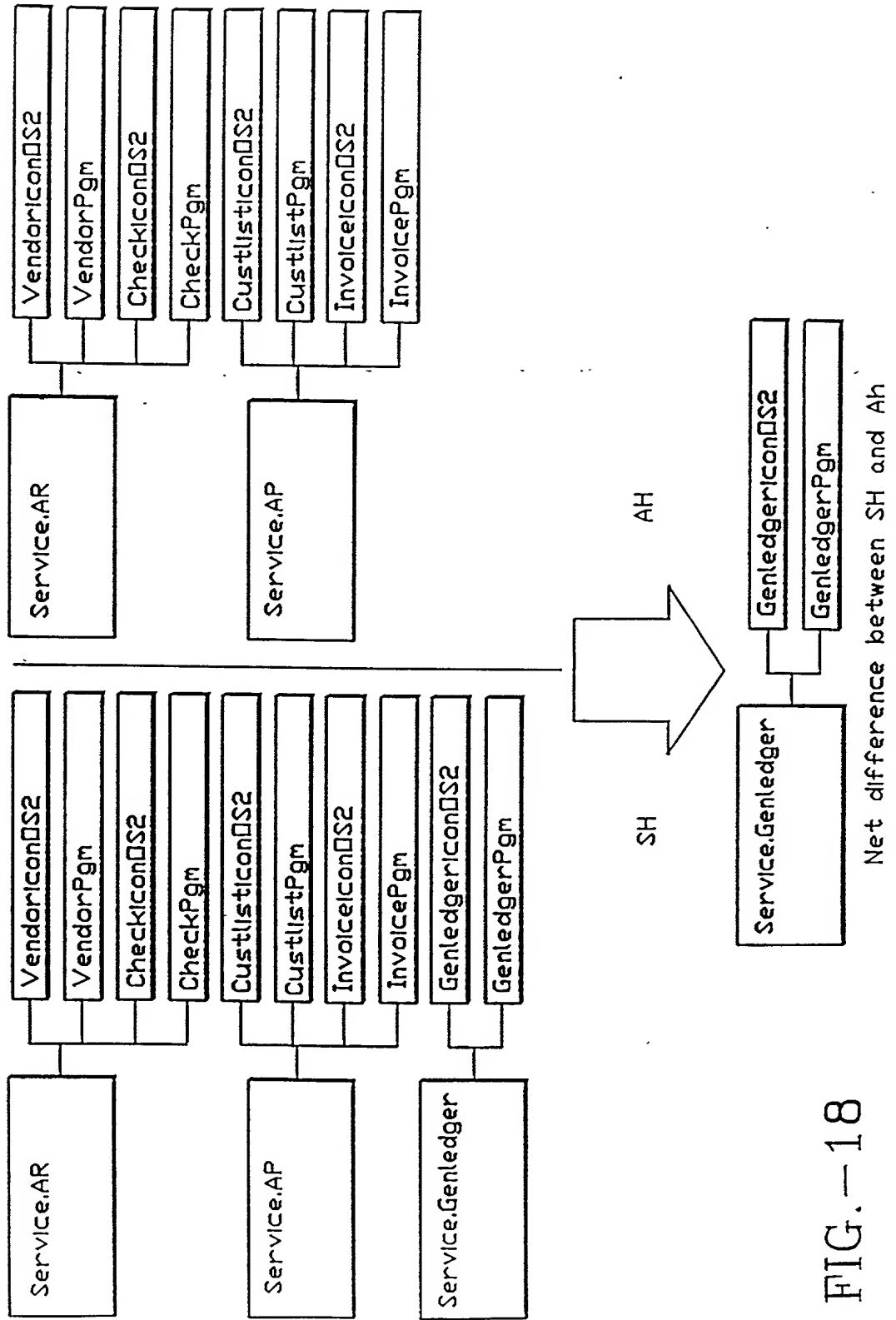


FIG. -18

Variable name	ZLUNAME	Length	008	Data...	NVDLU109
Variable name	AMEM	Length	007	Data...	655,360
Variable name	BIOS	Length	065	Data...	BIOS, 01/15/88 COPYRIGHT (C)
Variable name	BIOS EXT	Length	079	Data...	BIOS EXTENSION FOUND AT: C000
Variable name	BIOS EXT	Length	005	Data...	80486
Variable name	DOSHMA	Length	003	Data...	YES
Variable name	DOSVER	Length	003	Data...	5.0
Variable name	DRIVE	Length	002	Data...	13
Variable name	DRIVES	Length	050	Data...	A, B, C, D, F, M, S, T, V, W
Variable name	EMSVR	Length	004	Data...	80487
Variable name	EMSVR	Length	005	Data...	1,204,224 BYTES
Variable name	FREEEC	Length	020	Data...	323,706,880 BYTES
Variable name	FREEEC	Length	002	Data...	0
Variable name	GAME	Length	044	Data...	0
Variable name	MOUSE	Length	002	Data...	2
Variable name	PARAMS	Length	007	Data...	504,912
Variable name	PARAMS	Length	002	Data...	655,360
Variable name	TOTALC	Length	020	Data...	255,692,800 BYTES
Variable name	EMSVR	Length	004	Data...	4.0
Variable name	EMSVR	Length	005	Data...	80487
Variable name	FREEEC	Length	020	Data...	1,204,224 BYTES
Variable name	FREEEC	Length	002	Data...	323,706,880 BYTES
Variable name	GAME	Length	002	Data...	0
Variable name	MOUSE	Length	044	Data...	0
Variable name	PARAMS	Length	007	Data...	2
Variable name	PARAMS	Length	002	Data...	504,912
Variable name	TOTALC	Length	007	Data...	655,360
Variable name	TOTALC	Length	020	Data...	255,692,800 BYTES
Variable name	TOTALC	Length	020	Data...	424,460,288 BYTES
Variable name	TOTALC	Length	010	Data...	15,728,640
Variable name	VIDEOM	Length	023	Data...	VGA VIDEO ADAPTER CARD
Variable name	XMSMEM	Length	010	Data...	1,048,576
Variable name	XMSMEM	Length	010	Data...	1,048,576
Variable name	XMSVER	Length	004	Data...	2
Variable name	ZOBNAME	Length	013	Data...	HARDWARE-SCAN
Variable name	ZUSERID	Length	008	Data...	HITCH
Variable name	ZDS	Length	004	Data...	DS/2

FIG. - 19

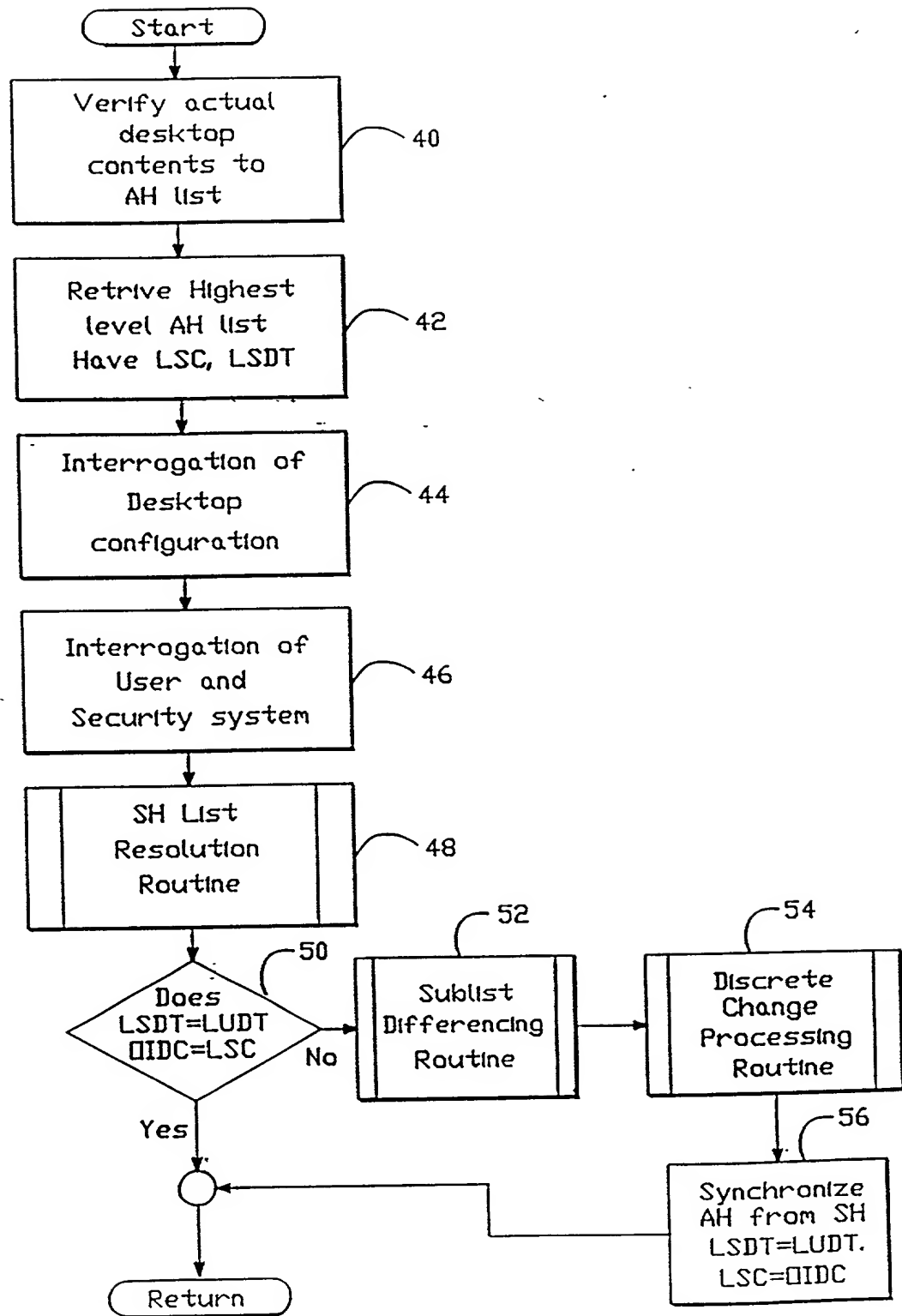
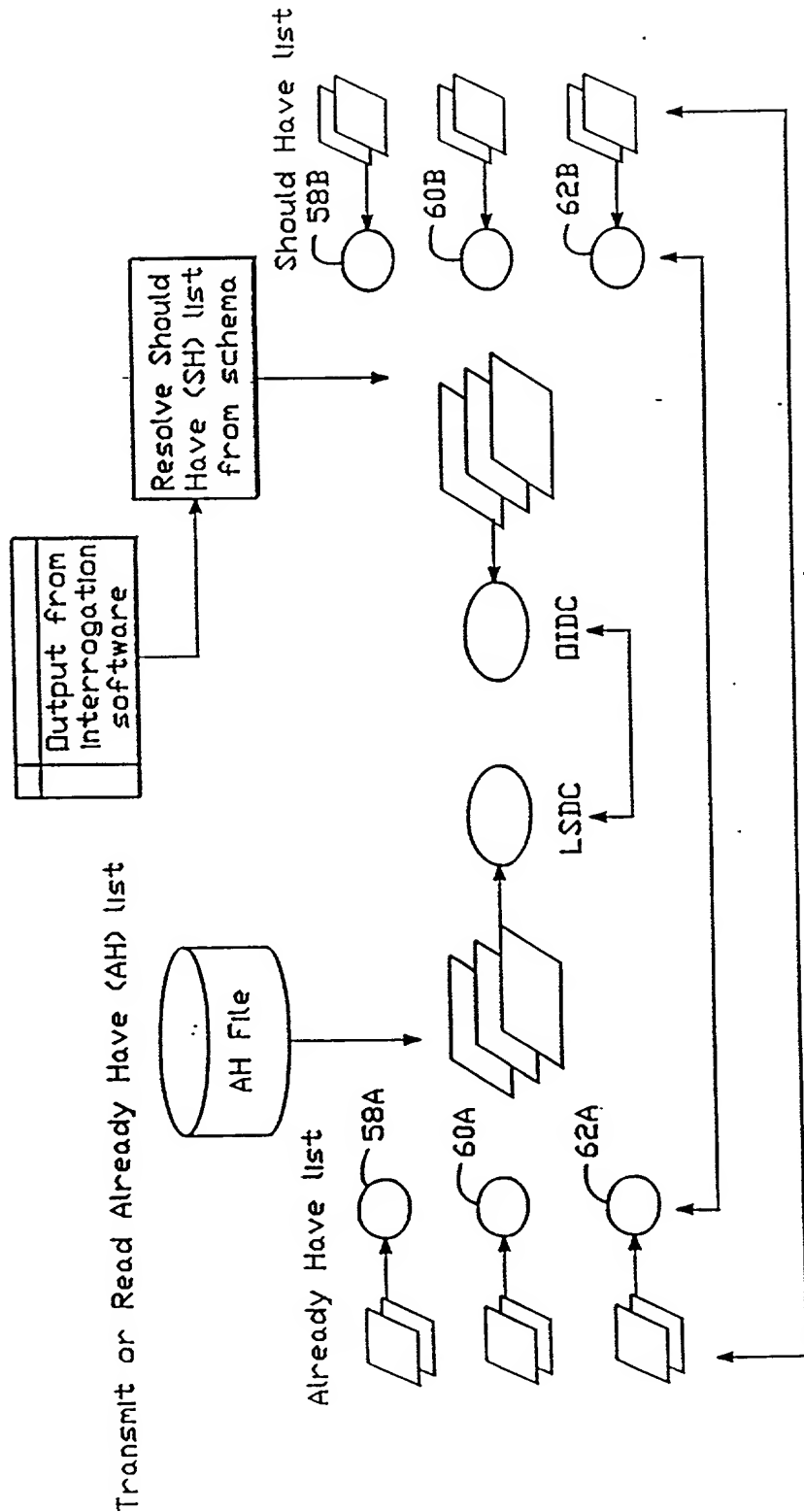


FIG. -20



○ - SIDC for sublist

▭ - item in sublist

FIG.-21

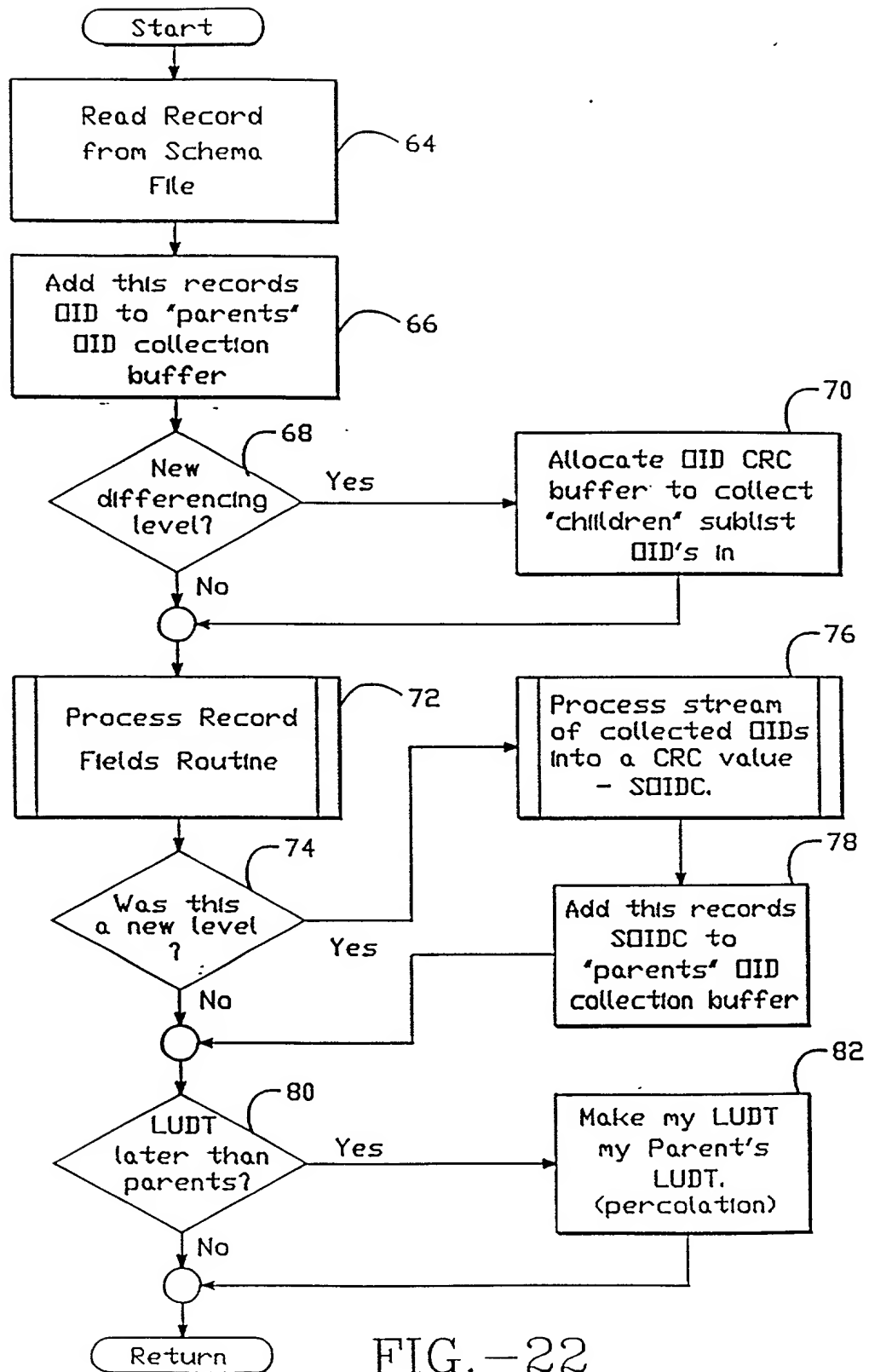


FIG. -22

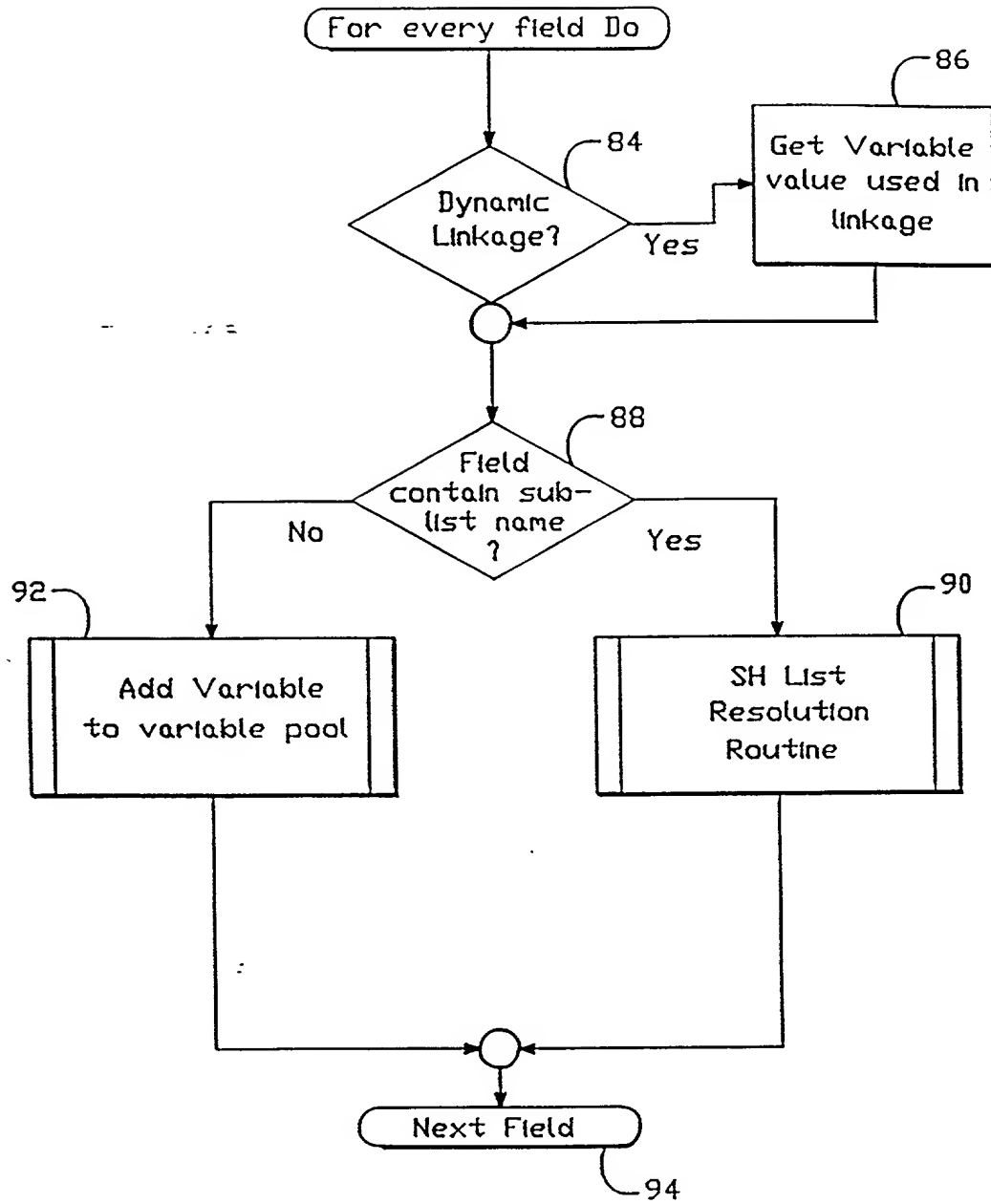


FIG.-23

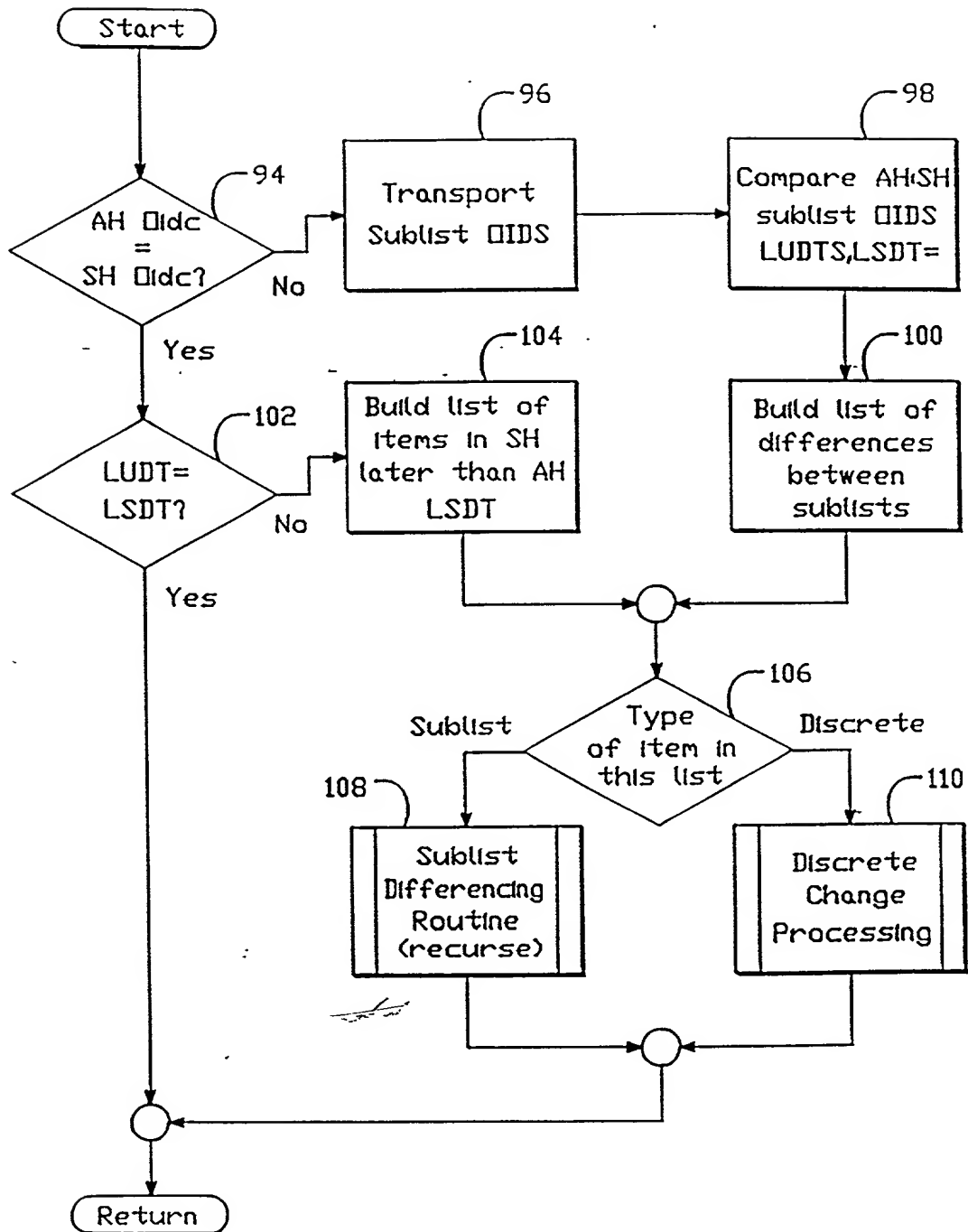


FIG.-24

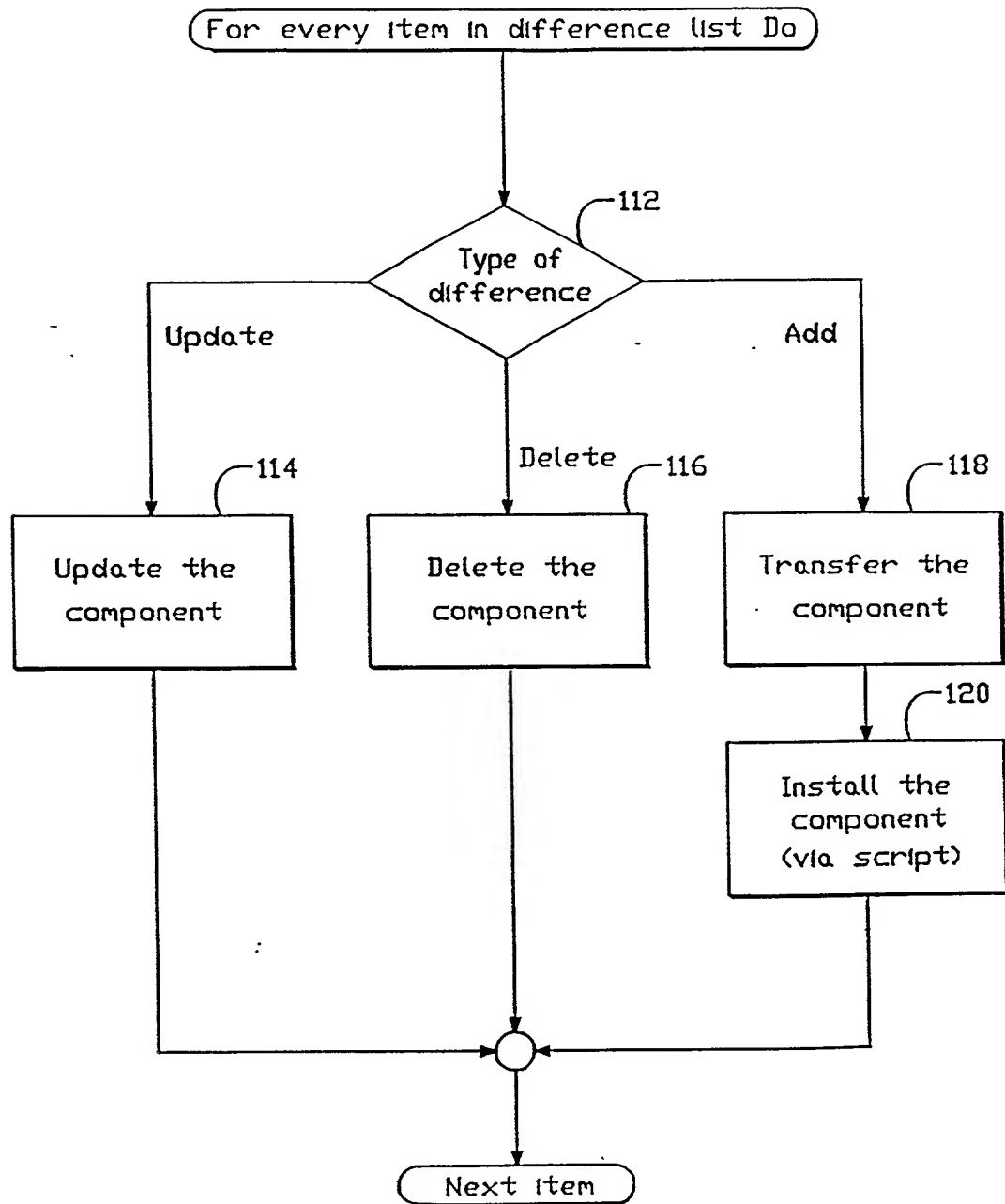


FIG.-25